PART B - FEE(S) TRANSMITTAL

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Varian Semiconductor Equipment Associates, Inc.

35 Dory Road Gloucester, MA 01930

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Constance S. Quellette (Depositor's name) (Signature (Date) August 27, 2007

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. FILING DATE APPLICATION NO. Joseph C. Olson 2000-009 2953 09/826274 04/04/2001

TITLE OF INVENTION:

CATHODE ASSEMBLY FOR INDIRECTLY HEATED CATHODE ION SOURCE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional		\$1400.00		\$300	\$1700	10/26/07
EXAMINER		ART UNIT		CLASS-SUBCLASS]	
PATEL, Vip		2879		313-44600		
I. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address form PTOSB/12.2) attached. "Fee Address" indication (or "Fee Address" Indication form PTOSB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.			(1) the na or agents (2) the na registered 2 registered	nting on the patent front page, li mass of up to 3 registered pater OR, alternatively, me of a single firm (having as a lattorney or agent) and the nam del patent attorneys or agents. If name will be printed.	a member a 2	

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Gloucester, Massachusetts 01930 Varian Semiconductor Equipment Associates, Inc.

Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🗎 Corporation or other private group entity 🔘 Government 4b. Payment of Fee(s): 4a. The following fee(s) are enclosed:

Issue Fee A check in the amount of the fee(s) is enclosed.

☑ Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached.

Advance Order - # of Copies 3

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5. Change in Entity Status (from status indicated above)

□ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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